

DOUGLAS COUNTY SCHOOL DISTRICT

Position Title: ITS Network Technician III

Reports to: Chief Information Officer; Information & Technology Services

POSITION SUMMARY

Manages District's infrastructure for voice and data communications, including all aspects of monitoring, replacing, upgrading and maintenance.

ESSENTIAL DUTIES & RESPONSIBILITIES

- D 25% Serves as Lead Technician in the day-to-day installation, maintenance, and troubleshooting of the districts wired and wireless LANs and WAN infrastructure spread across 900 square miles.
- D 20% Analyzes and implements changes in the design and maintenance of existing voice and data infrastructure, new construction projects, and provisioning of new services.
- W 20% Conducts twisted pair cable runs including terminations, testing, and documentation for maintenance and expansion of existing sites.
- W 15% Develops and monitors standards for system infrastructure to insure performance, reliability, and connectivity within the existing IP through the use of monitoring and diagnostic tools.
- W 15% Assist other technical staff in setup and rollout of all WAN network devices to include new wiring, phone switches, routers, hubs, printers, modems, fax machines, etc.
- 5% Performs other related duties as assigned or requested.

MINIMUM EDUCATION OR FORMAL TRAINING

Associates Degree in Computer Science, Information Systems, or equivalent experience and training.

MINIMUM EXPERIENCE

Three years experience working in LAN/WAN environment, designing, costing, implementing, and troubleshooting transport media and hardware devices.

Experience with WAN IP networking of voice, video, and data communications using dedicated leased lines (T1/T3/OC3/OC12) and fiber optic connectivity is highly desirable.

Experience installing and maintaining networking equipment (routers, switches, wireless access points, etc.) from Cisco, HP, Avaya, and Enterasys.

SKILL REQUIREMENTS

Ability to install, test, document, and troubleshoot both twisted pair and fiber optic LAN wiring and connectivity devices.

Ability to install, test, document, and troubleshoot WAN connectivity and equipment.

Fluent with Windows, Macintosh, Linux, and UNIX operating systems and their respective network stacks.

Excellent verbal and written communication skills

Strong organization, analytical, and prioritizing skills

GENERAL EXPECTATIONS

Is flexible.

Has the ability to work cooperatively with supervisors and co-workers.

Has the ability to understand and follow complex oral and written instructions.

Has the ability to perform responsibilities without the necessity of close supervision.

Has the ability to effectively communicate with the school district community.

Has the ability to meet attendance standards and work the hours necessary to perform the essential functions of the job.

Maintains a generally positive attitude.

Observes all District policies and procedures.

LICENSES OR CERTIFICATION

- ◆ Valid Colorado Driver's License
- ◆ Cisco CCNA certification required, and
- ◆ CCDA certification preferred.

ESSENTIAL ENVIRONMENTAL DEMANDS

Mostly clean and comfortable.

ESSENTIAL PHYSICAL REQUIREMENTS

Occasional lifting of up to eighty (80) pounds.

Frequent bending, stooping, walking, crawling, standing, kneeling, squatting, reaching, and sitting.

SUPERVISORY DUTIES - None.

WAGE SCHEDULE – Prof/Tech Range 3

The above statements are intended to describe the general nature and level of work being performed. They are not intended to be construed as an exhaustive list of all responsibilities, duties and skills required of personnel so classified. This job description is not intended to create any express or implied contract of employment or expectancy of continued employment for any definite term.